

## **ABSTRACT**

A supplemental television content application architecture, associated methods creating and executing a signed supplemental television content application, and media having instructions for executing associated the methods  
5 are described. The architecture includes a signature for a cluster of at least a portion of the application files detached from the application files, and a start file having either an expression or a link to an expression having a link to each signature. The architecture also includes a web page comprising at least a portion  
10 of the application files that is coded with an attached signature or a link to the signature.